



## EDMRT

- with membrane
- Symbols still clearly visible under transparent membrane

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
|                               | EDMRT         |
|                               | 101006270     |
| EAN (European Article Number) | 4030661464329 |
| eCl@ss number, Version 9.0    | 27-37-12-10   |

### Approval - Standards

cULus

### General data

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Product name                         | ED - Push button                         |
|                                      | EN 60947-5-1                             |
|                                      | IEC/EN 60947-1                           |
| Versions                             | Embeddable button - Front plate mounting |
| Design                               | Round                                    |
| Installation conditions (mechanical) | arbitrarily                              |
|                                      | Membrane                                 |
| Sealing type                         | Lip gaskets                              |
|                                      | Form seals                               |
| Material of the operators            | Aluminium                                |
| Material of the front ring           | Aluminium                                |
| Colour of the operating element      | Red                                      |
| Colour of the front ring             | Silver                                   |
| Gross weight                         | 35 g                                     |

### General data - Features

|                  |     |
|------------------|-----|
| Membrane         | Yes |
| Mounting flange  | Yes |
| Probing possible | Yes |
| Fully insulated  | Yes |

### Mechanical data

|                                |                       |
|--------------------------------|-----------------------|
| Unlocking                      | without               |
| Mounting                       | mounting flange       |
| Mechanical life, minimum       | 10,000,000 Operations |
| Actuating stroke               | 4 mm                  |
| Actuating force, approx.       | 2 N                   |
| Tightening torque of the screw | 0.6 Nm                |

### Mechanical data - Dimensions

|                                          |                        |
|------------------------------------------|------------------------|
| Height                                   | 14 mm                  |
| Length x Width x Height                  | Mounting hole Ø: 22 mm |
| Diameter total                           | 29.5 mm                |
| Diameter of touch surface                | 23 mm                  |
| Diameter of the front ring               | 29.5 mm                |
| Diameter hole                            | 22.3 mm                |
| Diameter hole, with tolerance indication | 22.3 + 0.4 mm          |
| Thickness, of the front panel, minimum   | 1 mm                   |
| Thickness of the front panel, maximum    | 6 mm                   |
| Spacing                                  | 40 x 50 mm             |

### Ambient conditions

|                              |        |
|------------------------------|--------|
|                              | IP65   |
| Ambient temperature, minimum | -25 °C |
| Ambient temperature, maximum | +80 °C |

### Electrical data

|                     |          |
|---------------------|----------|
| Switching frequency | 1,000 /h |
|---------------------|----------|

### Notes

|                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| Note (General) | The membrane protects the button against grinding dust or other pasty, viscous substances. |
|----------------|--------------------------------------------------------------------------------------------|

## Ordering code

Product type description:

-

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| <b>(1)DT(8)(2)</b>     | Pushbutton                                                                                             |
| <b>(1)DM(2)</b>        | Pushbutton with diaphragm for dust protection                                                          |
| <b>(1)DL(8)(2)</b>     | Illuminated pushbutton                                                                                 |
| <b>(1)DLM(2)</b>       | Illuminated pushbutton with diaphragm for dust protection                                              |
| <b>(1)ML(2)</b>        | Indicator light with flat collar                                                                       |
| <b>(1)MLH(2)</b>       | Indicator light with high collar                                                                       |
| <b>(1)DP(3)(8)(2)</b>  | Mushroom head impact button without latching                                                           |
| <b>(1)DTP(3)(8)(2)</b> | Mushroom head impact button without latching (only N-programm)                                         |
| <b>(1)DLP(3)(8)(2)</b> | Mushroom head impact button illuminated, without latching (only N programme)                           |
| <b>(1)DRR(3)(8)(2)</b> | Mushroom head impact button with latching, unlock by turning and pulling (pulling only in N programme) |
| <b>(1)DRZ(3)(8)(2)</b> | Mushroom head impact button with latching, unlock by pulling                                           |
| <b>(1)WS21(4)(5)</b>   | Selector switch with 2 positions:                                                                      |
| <b>(1)WT21(4)(5)</b>   | Selector switch with 1 momentary position                                                              |
| <b>(1)WS32(4)(5)</b>   | Selector switch with 3 maintained positions                                                            |
| <b>(1)WT32(4)(5)</b>   | Wahlschalter mit 2 Taststellungen                                                                      |
| <b>(1)WST32(4)(5)</b>  | Selector switch: switching, latching                                                                   |
| <b>(1)WTS32(4)(5)</b>  | Selector switch: latching, switching                                                                   |
| <b>(1)SS21S(4)(5)</b>  | Key-operated selector switch with 2 maintained positions                                               |
| <b>(1)ST21S(4)(5)</b>  | Key-operated selector switch with 1 momentary position                                                 |
| <b>(1)SS32S(4)(5)</b>  | Key-operated selector switch with 3 maintained positions                                               |
| <b>(1)ST32S(4)(5)</b>  | Key-operated selector switch with 2 momentary positions, left and right                                |
| <b>(1)SST32S(4)(5)</b> | Key-operated selector switch: switching, latching                                                      |
| <b>(1)STS32S(4)(5)</b> | Key-operated selector switch: latching, switching                                                      |
| <b>NB, MBN, BN</b>     | <b>Blanking plug</b>                                                                                   |

(1)

### - Command and signalling devices:

**E** "E" program

**N** "N" program

**R** "R" program

(2)

### - Colour of button surface:

**SW** Black

**GB** Grey

(3)

### - Head diameter of mushroom head impact button 30 mm:

**30** 30 mm

**35** 35 mm

**40** 40 mm

**42** 42 mm

**45** 45 mm

**50** 50 mm

**55** 55 mm

**70** 70 mm

(4)

- **Toggle length in mm:**

**without** Short toggle

**.1** Long toggle

(5)

- **Colour of toggle:**

**without** Grey

(6)

- **Key-withdrawal position (3 positions):**

**1** Position left

**2** Position middle

**3** Position right

(7)

- **Key-withdrawal position (2 positions):**

**1** Position left

**2** Position right

(8)

- **Colour of diaphragm (only N programme):**

**without** Black

## Pictures

### Photo/Product/Catalogue



ID: kedm-f04

| 43,1 kB | .png | 73.731 x 91.017 mm - 209 x 258

Pixel - 72 dpi

| 513,1 kB | .jpg | 352.425 x 434.622 mm - 999 x 1232

Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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